

FIG. 1

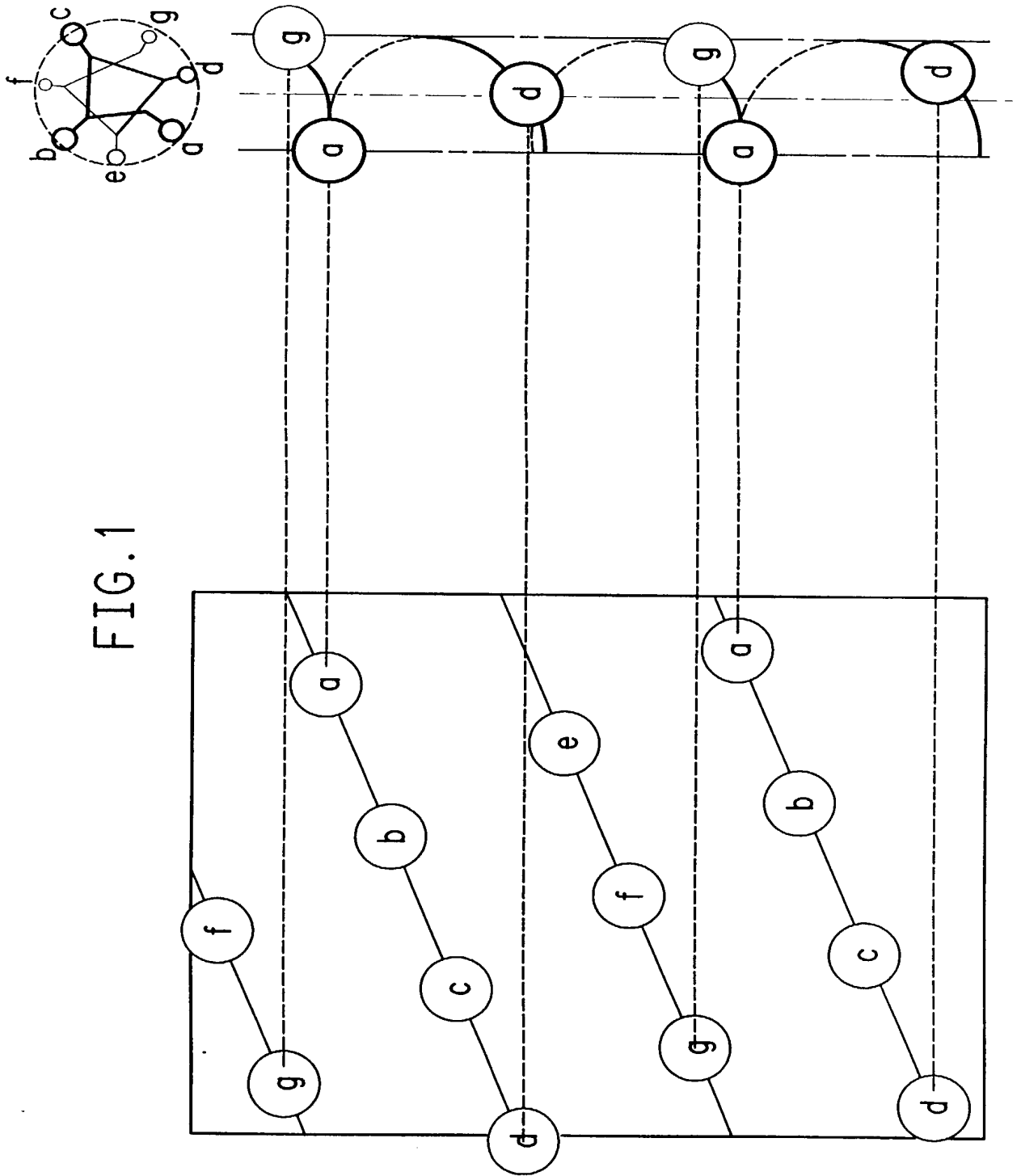


FIG.2A

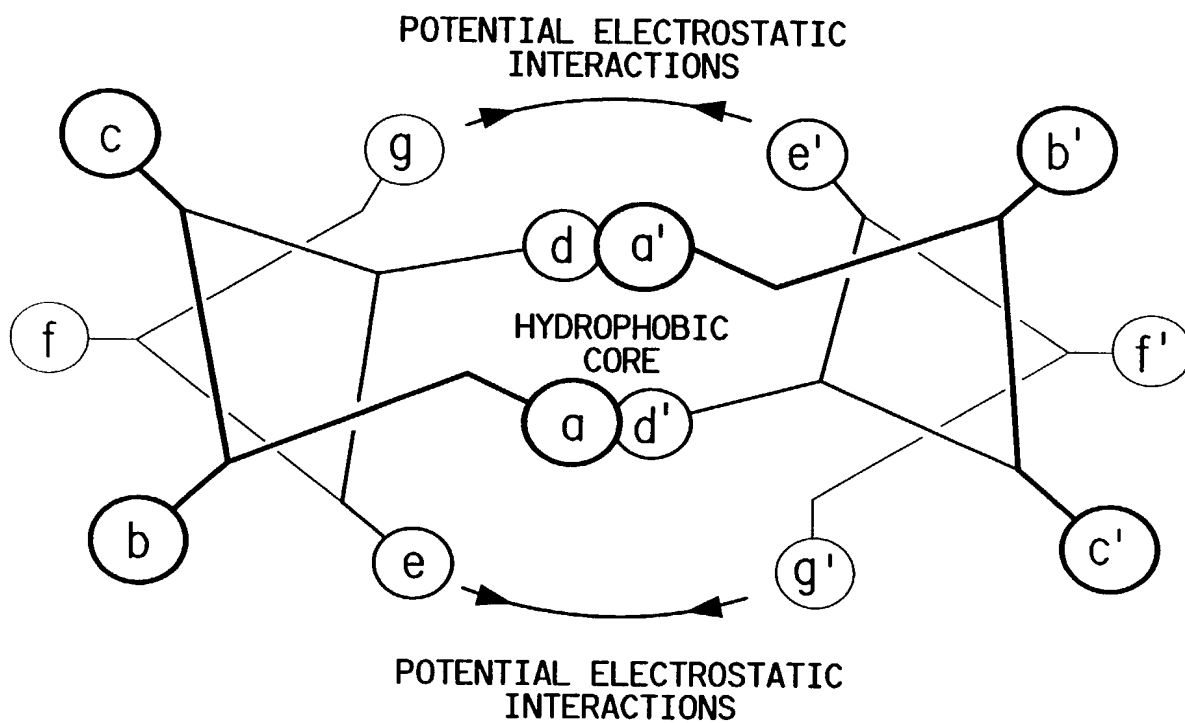


FIG.2B

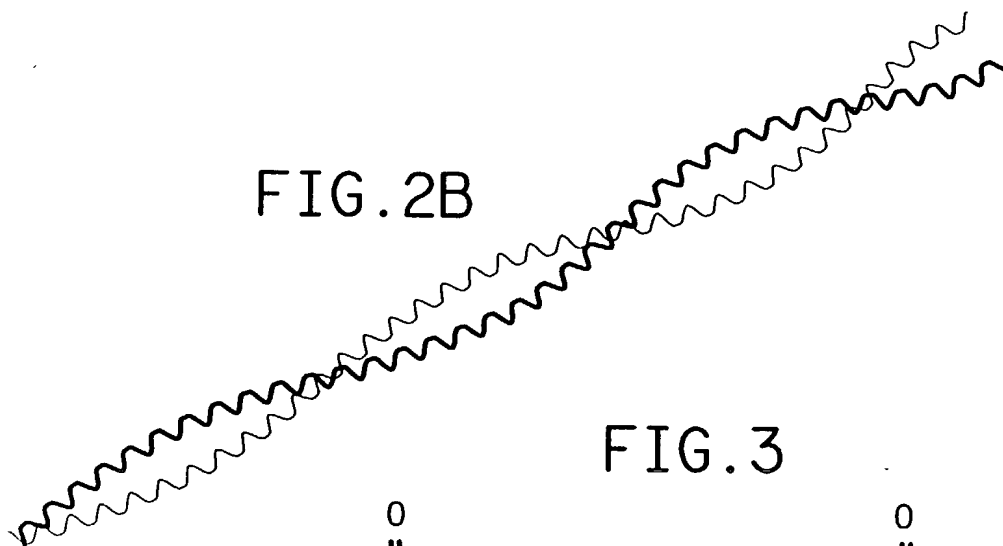


FIG.3

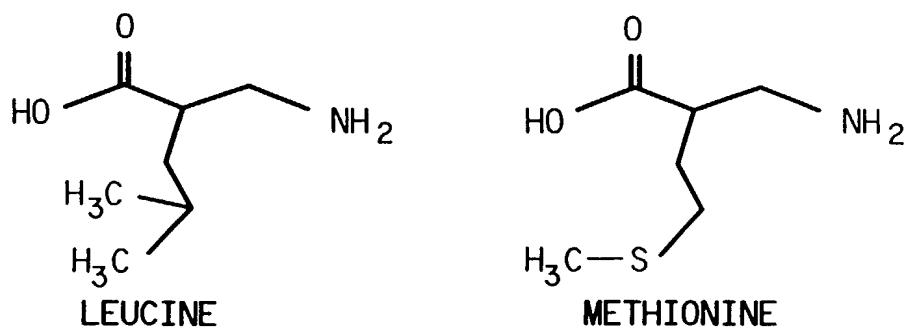


FIG. 4a

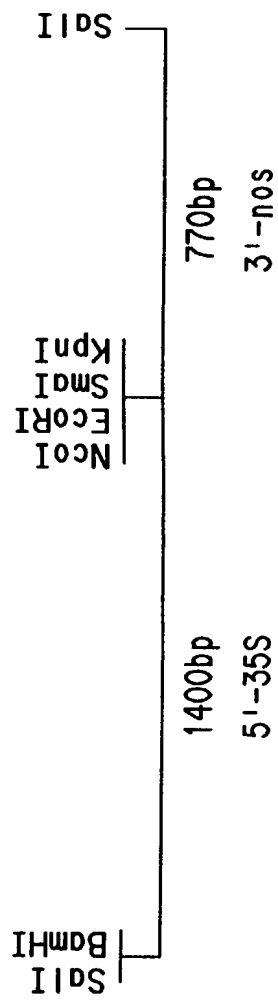


FIG. 4b

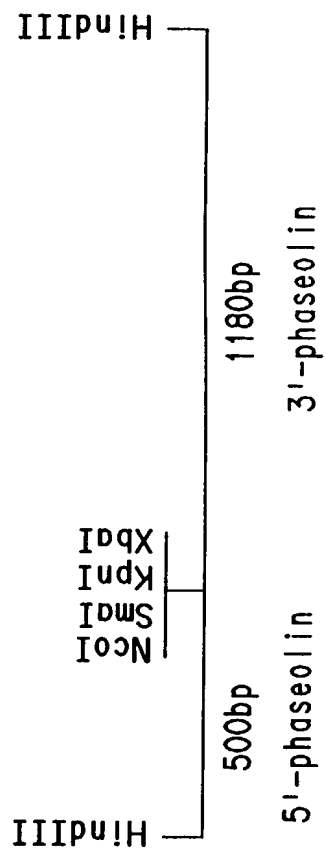
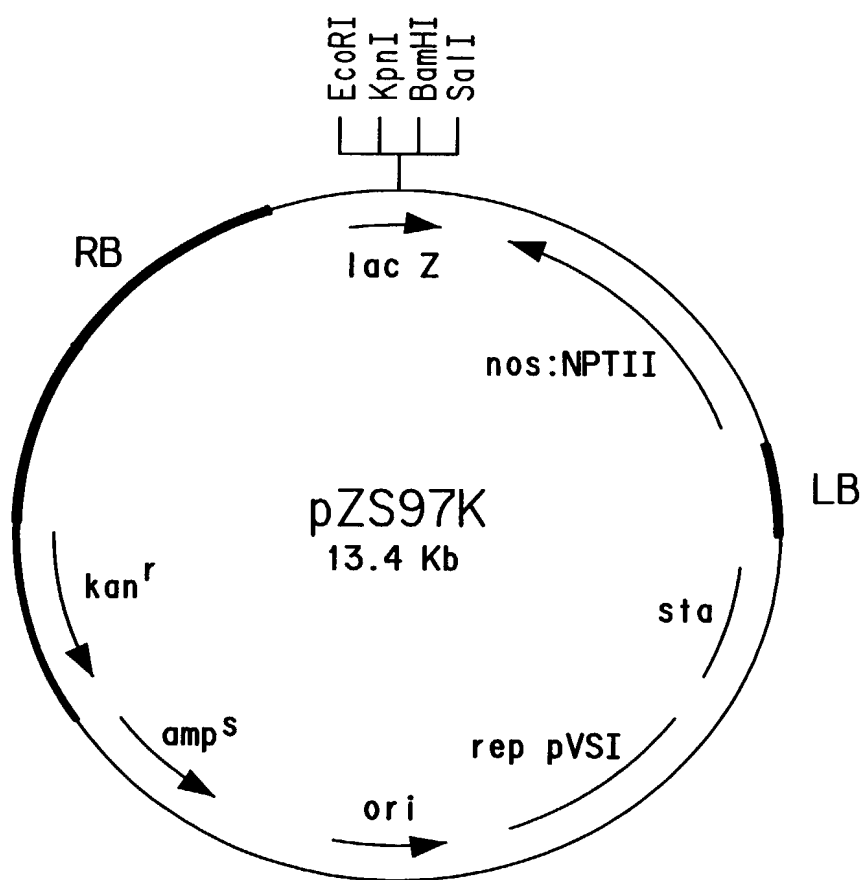


FIG.5



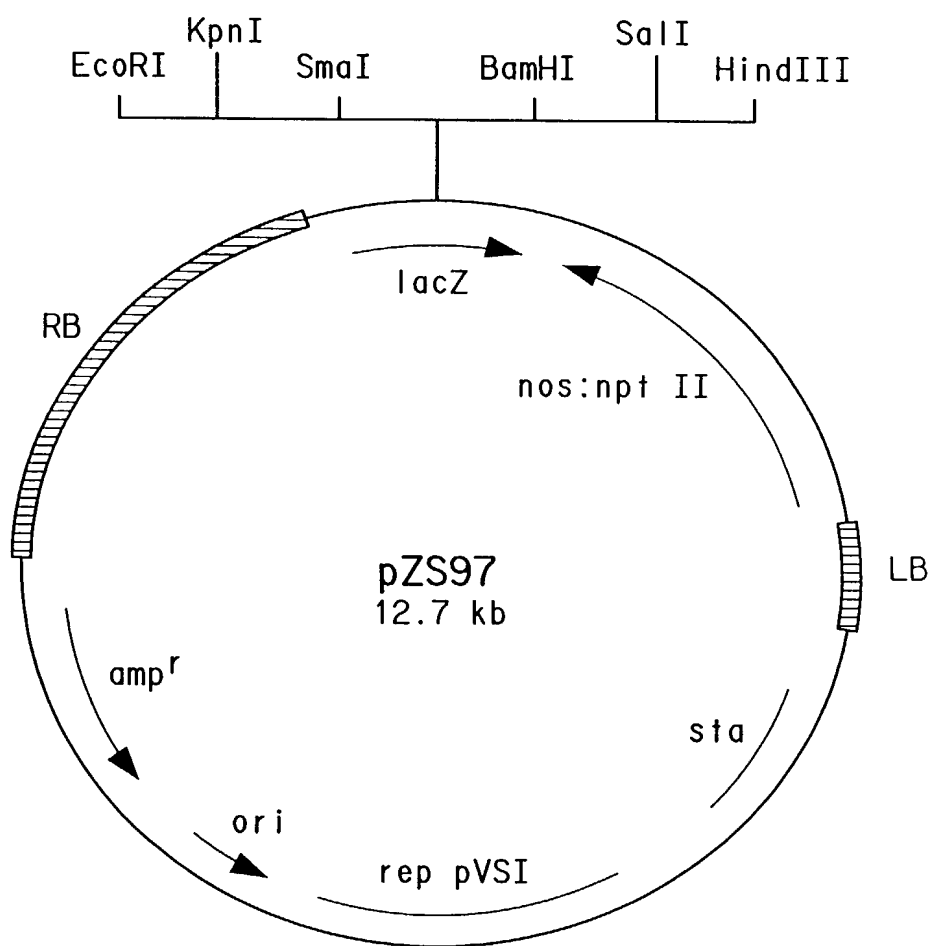


FIG.6

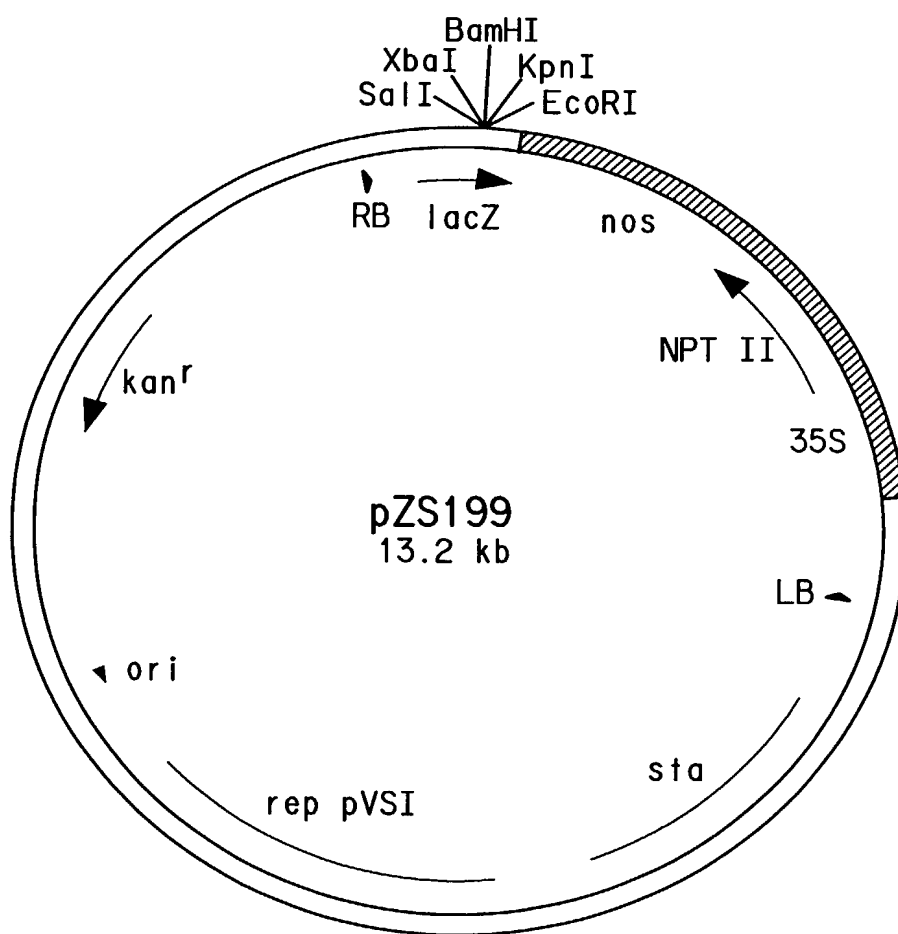


FIG.7A

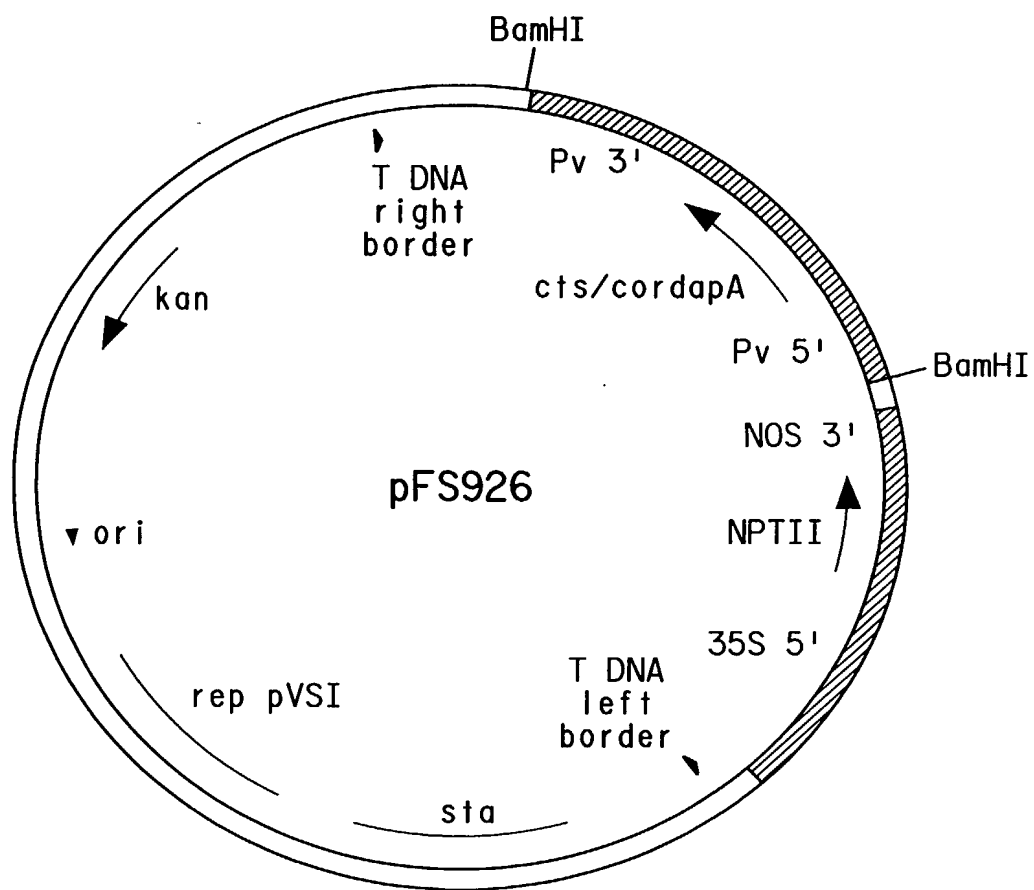


FIG. 7B

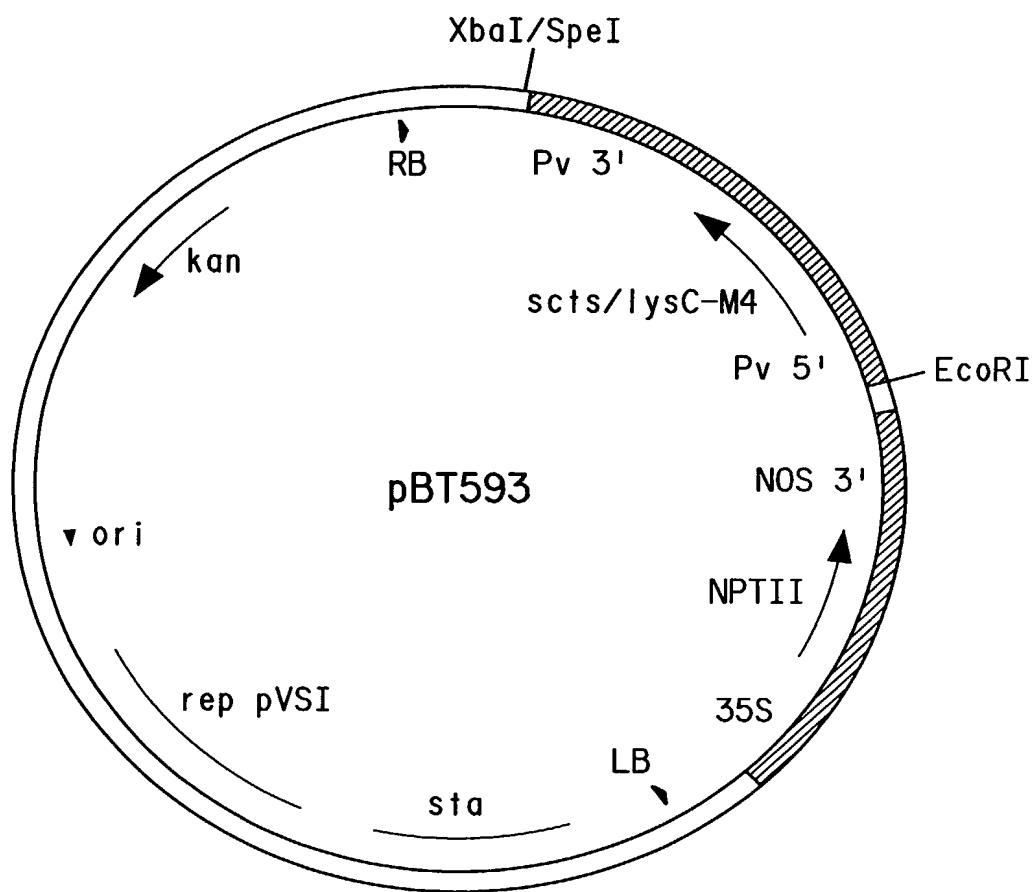


FIG.7C



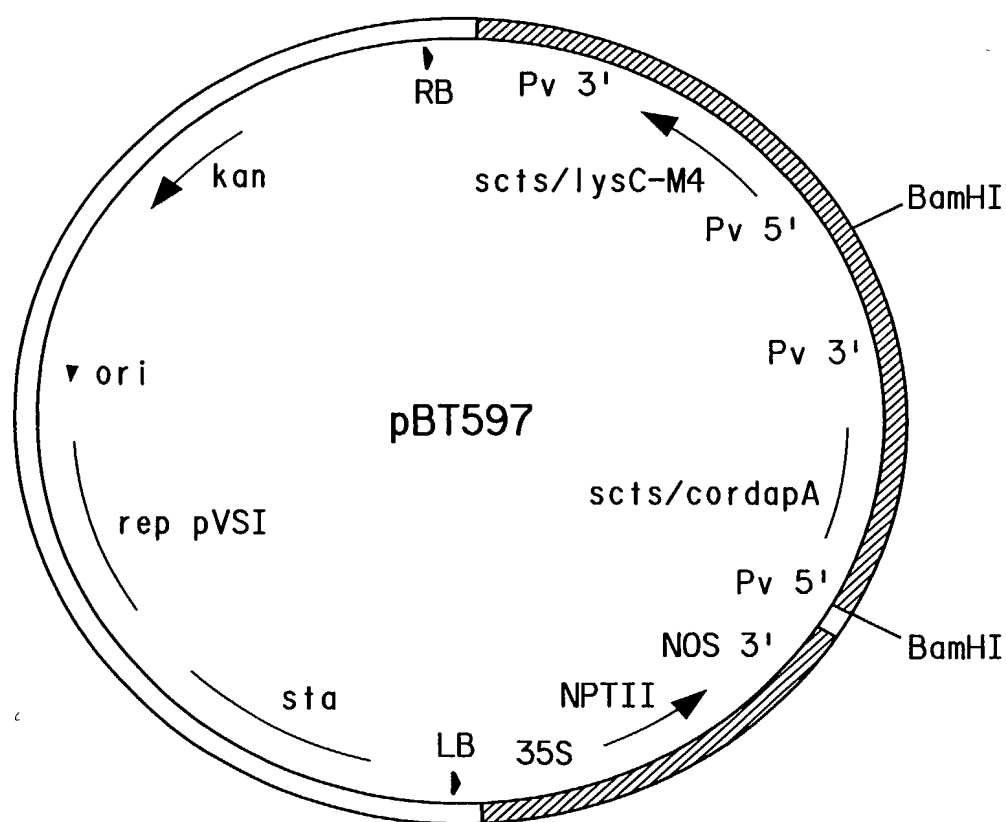


FIG. 7D

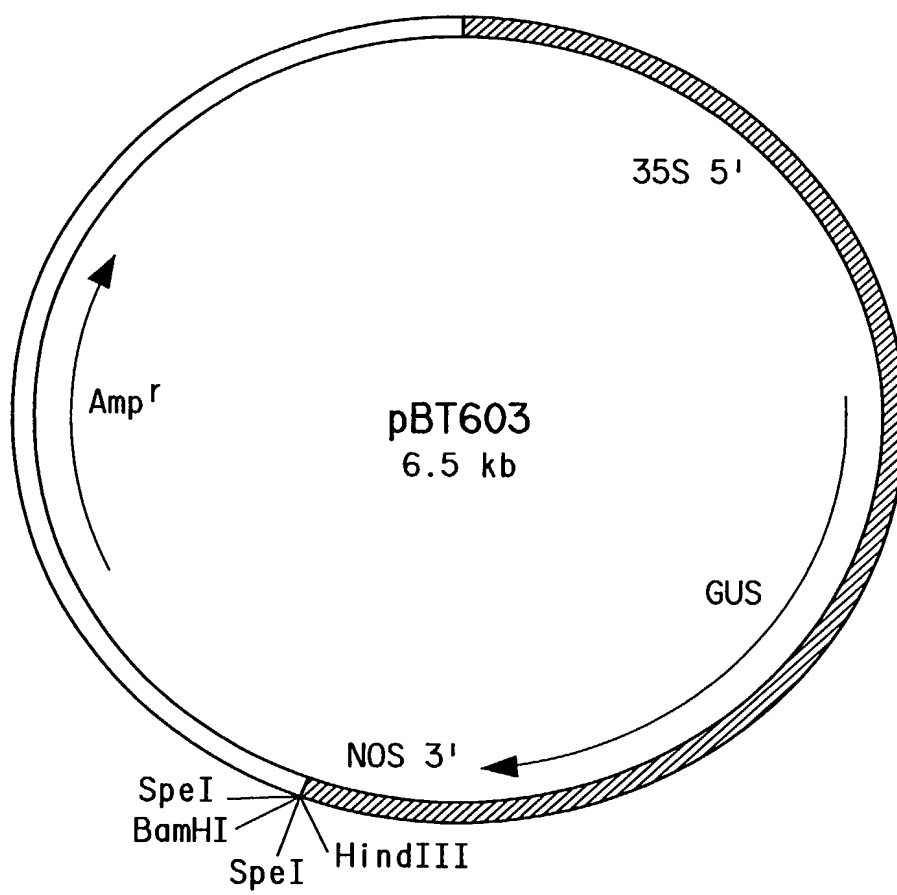


FIG.8A

FIG. 8B

# FIG.9

```

SEQ ID NO:104
S. cerevisiae SDH
19 KKSGVLILGAGRVXRPAADFLASVRTISSQWYKTYFGADSEEKTDVHVI 68
   ..||:|.| | .|. | ||.
1 MGKNVLLGSGFVAQPVIDTLAA.....NDDINVT 30

69 VASLYLKDAKETVEGISDVAVRLDVSDSESLKYSQVDVWLSLLPASC 118
   ||: | :| :.: | : .:| | | .| | :.: | | :| | :| | .
31 VACRTLANA.QALAKPSGSKAISLDVTDSDSALDKVLADNDVVISLIPYTF 79

119 HA 120
   |:
80 HP 81

```

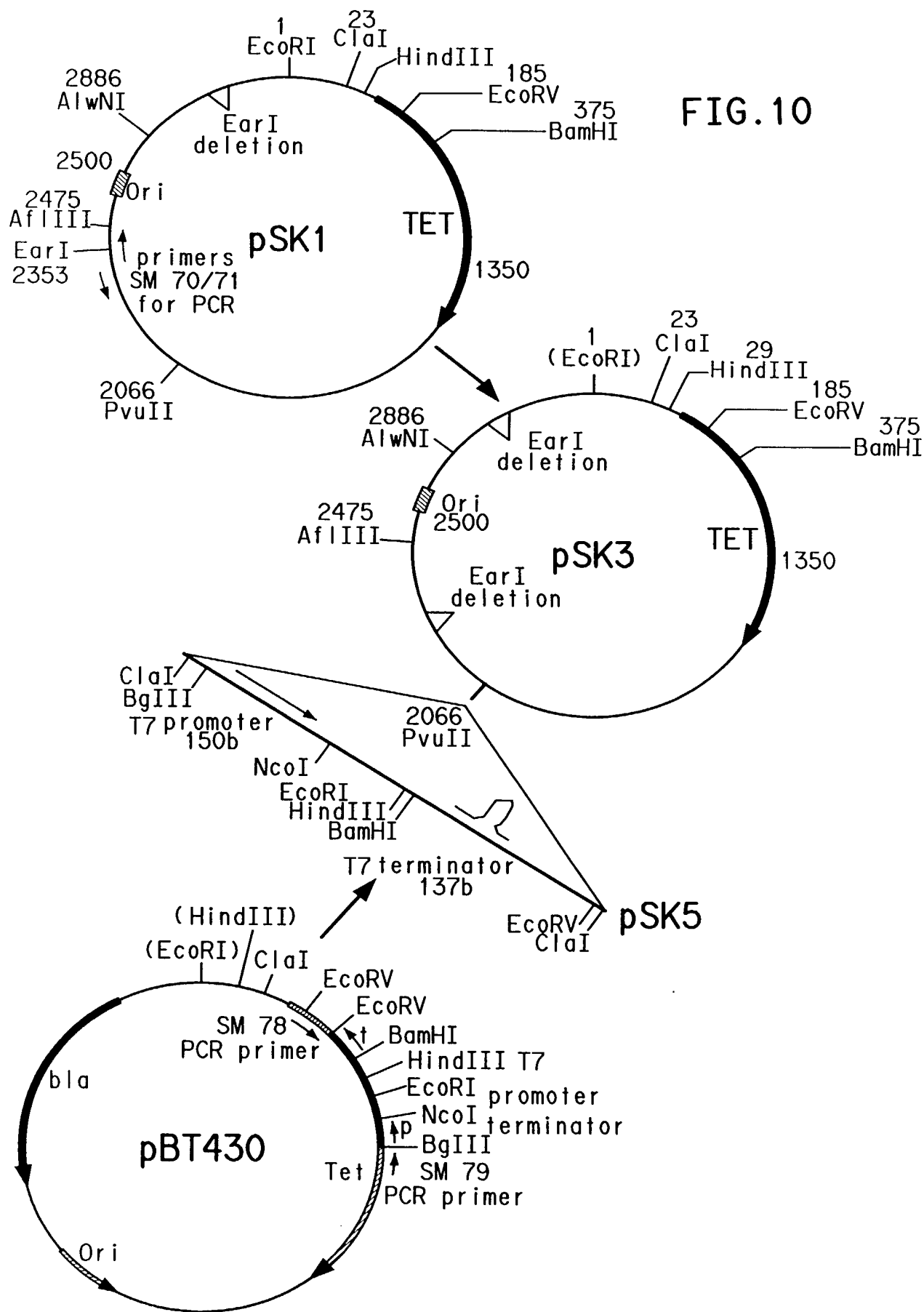
```

SEQ ID NO:105
S. cerevisiae SDH
1 KHTATLLEFGDIKNGQTTAMAKTVGIPAAIGALLIEDKIKTRGVLRL 50
   .:|.||:|.: .. ..|| | | | .| | :.:| | :| | | .
374 TRTSTLVDYGV...GGYSSMAATVGYPPVAIATKFVLDGTIKGPGLLAPY 420

51 EAEVYLPALDIL.QAYGIKLMEKAE 74
   .:|: | :. | : | | | | .| | .
421 SPEINDPIMKELKDKYGIYLKEKTVA 446

```

FIG. 10



[illegible]

LIGATE OLIGOS

↓ LIGATE TO EARI CUT VECTOR

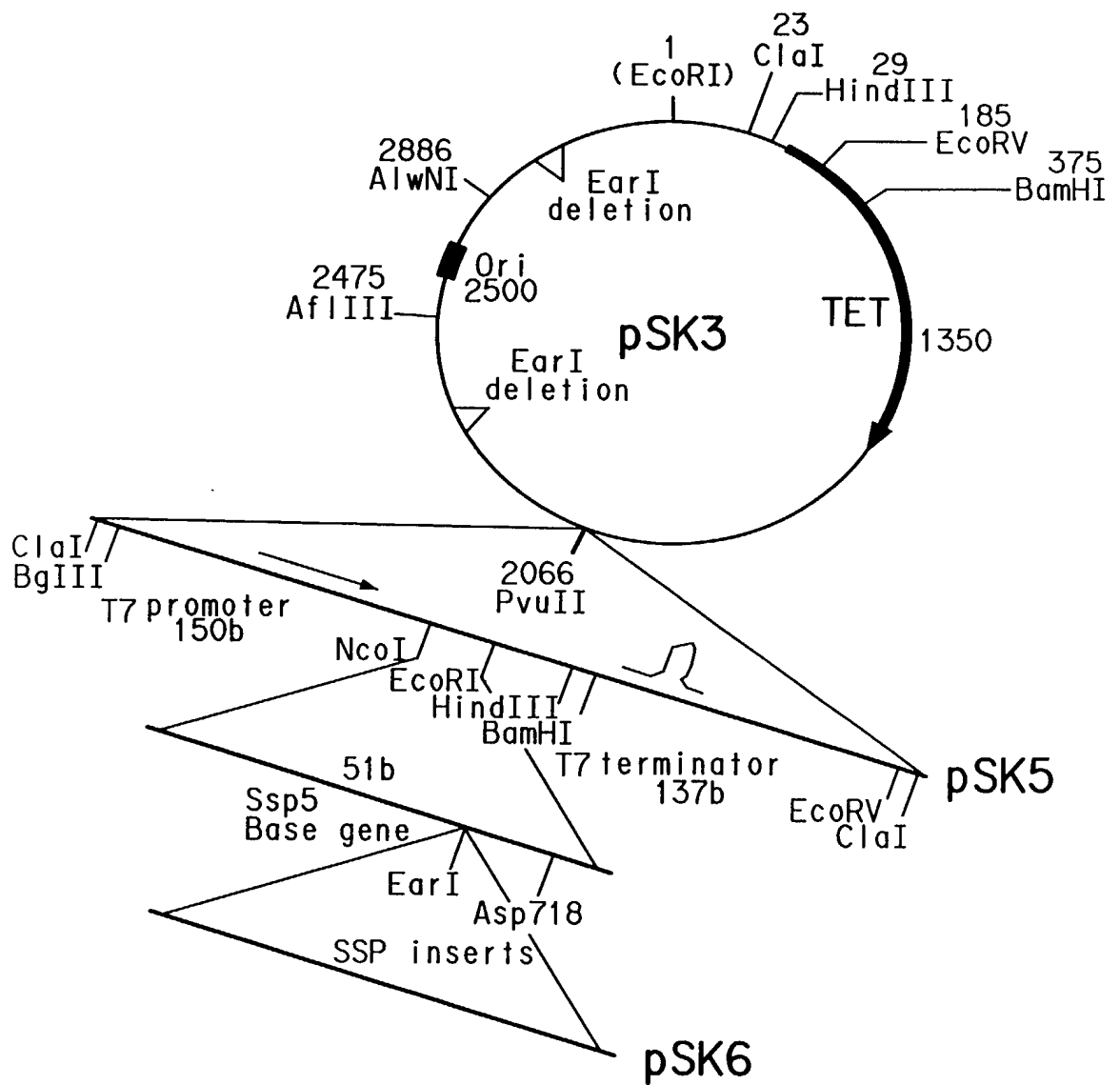
NCOI  
EARI  
ASP718ECORI

CATGAGGAGAAGATGAAGGC GATGAGGAGAAGATGAAGGC GATGAGGAGAAGATGAAGGC GATGAGGAGAAGATGAAGGC

CT CCTCTTCTACT TCCGCTA CCTCCTCTTCTACTTCCGCTA CCTTCCTTCGACTTCCGCACTATCCATGGCTTAA

M E E K M K A M E E K M K A M E E K M K A

FIG. 12

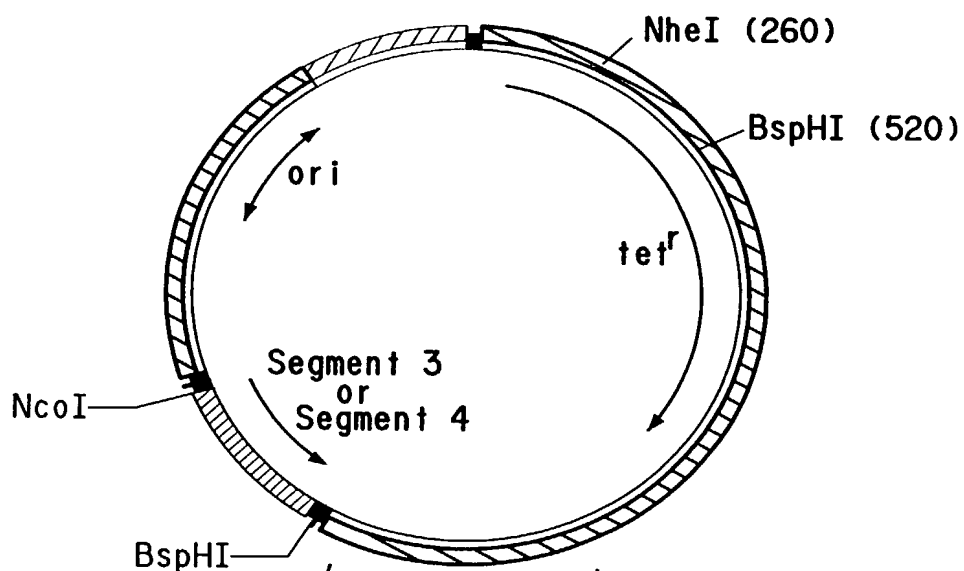


[illegible]

EARI            BSPHI            ASP718    ECORI  
 QGAAGAGGAAGATGAAGGTCATGAAGTGAAGGTACCG  
 GCTTCTCTTCTACTCCAGTACTTCACTATCCATGGCTTAA    CLONE pSK34  
 E E K M K V M K



FIG. 14a



Segment 3 Digest *NheI*/*BspHI*      Segment 4 Digest *NheI*/*NcoI*

FIG. 14b

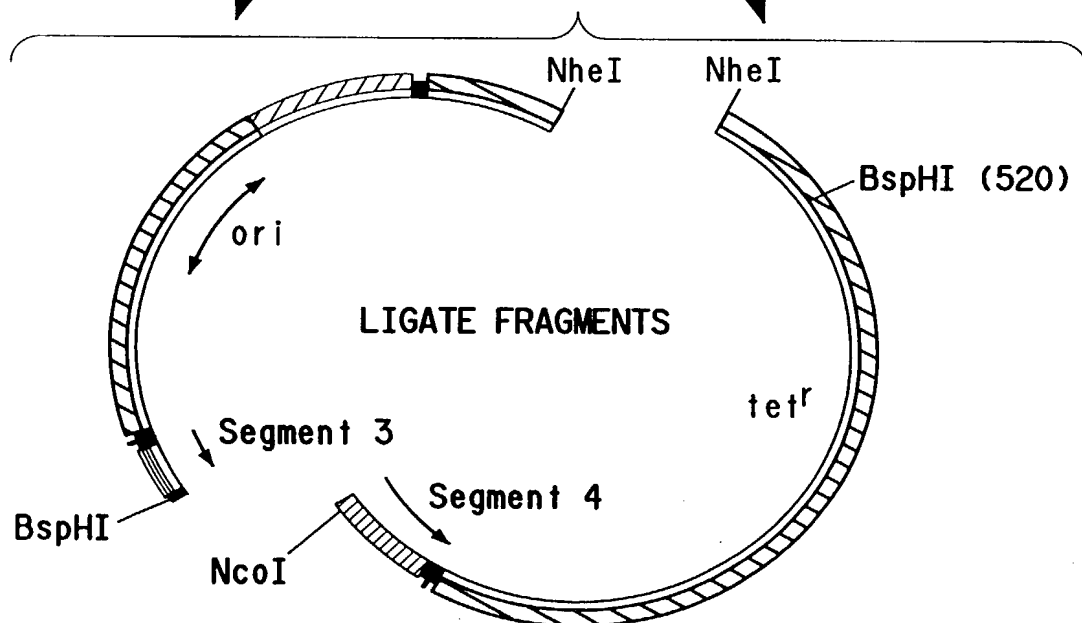


FIG. 15

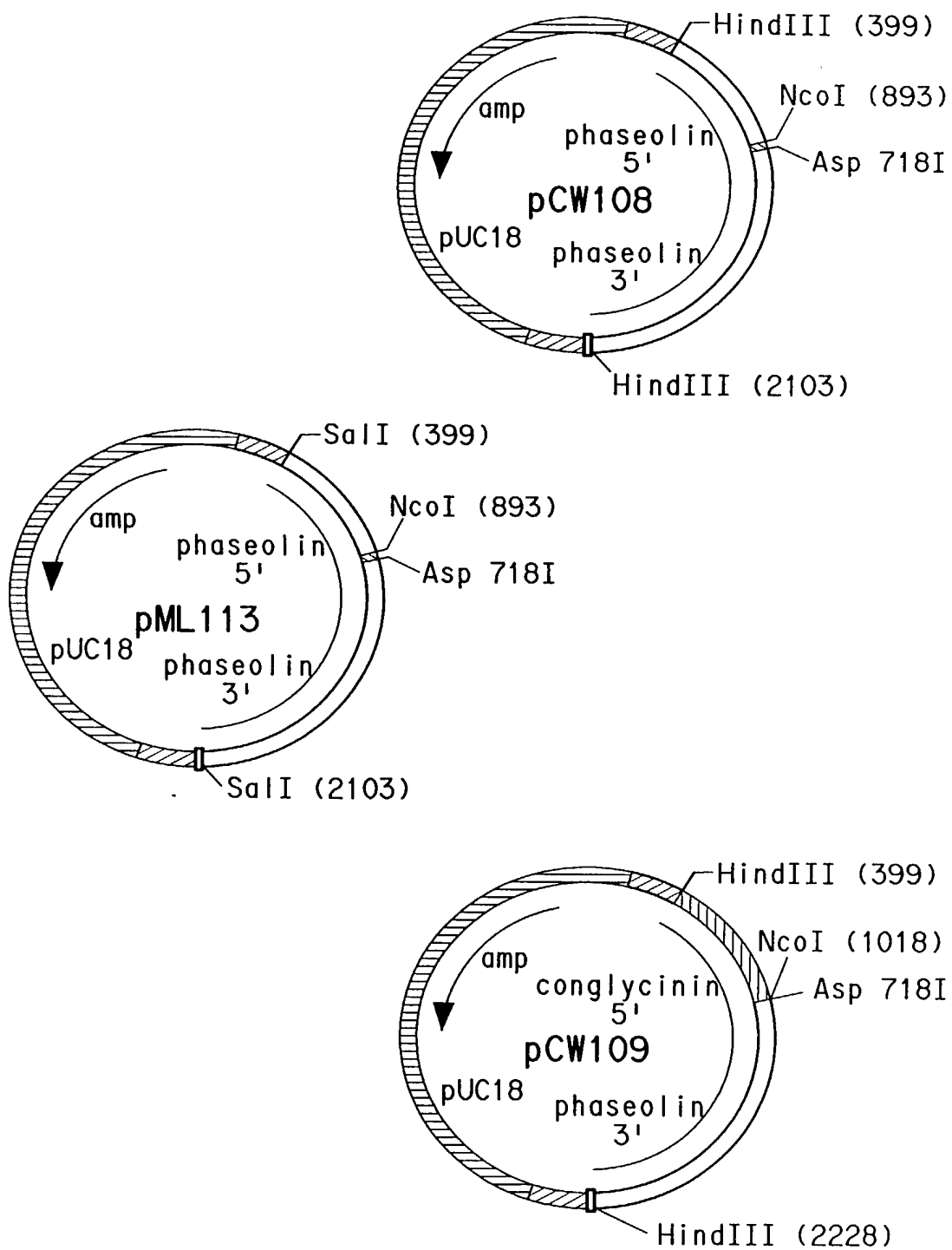


FIG. 16

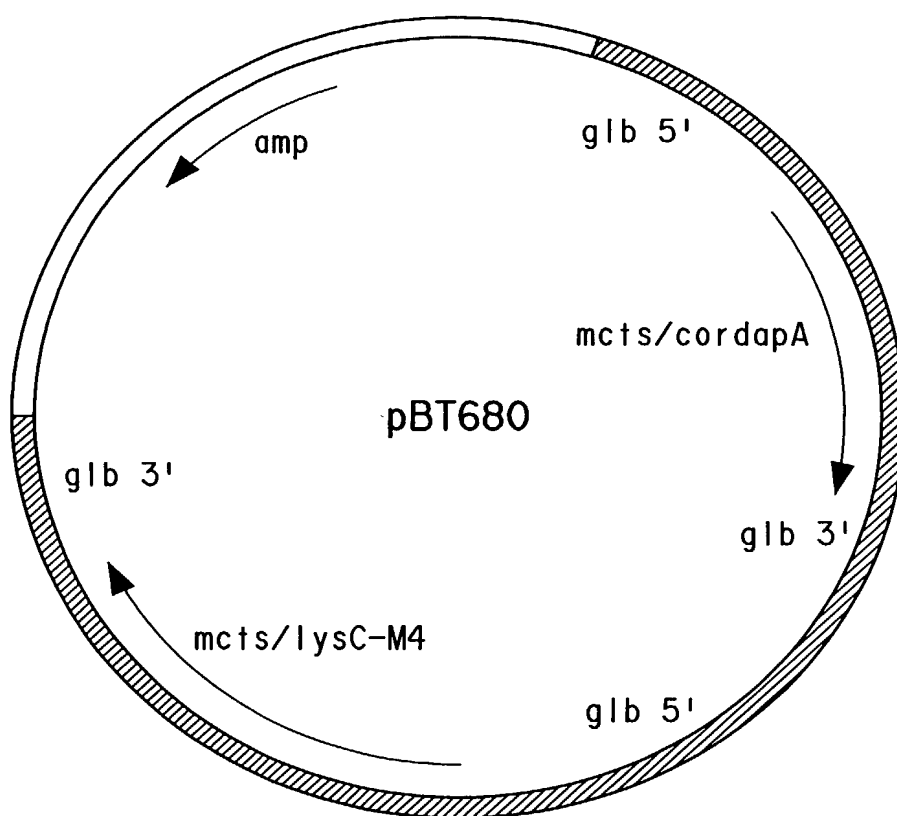


FIG.17

FIG. 18

FIG. 19

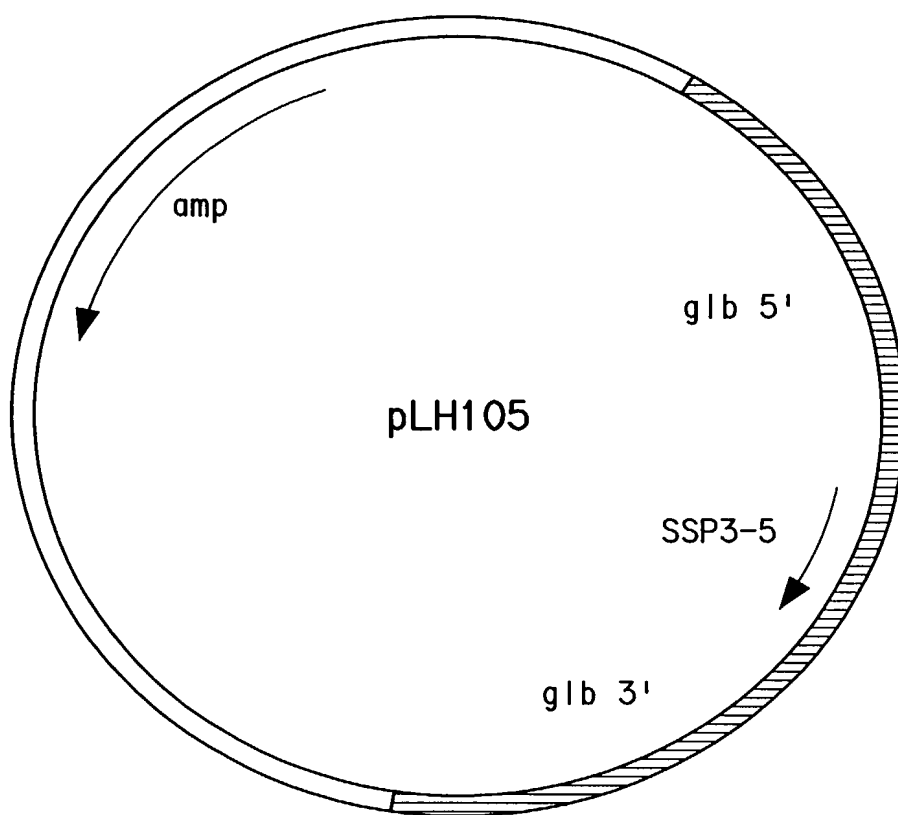


FIG.20

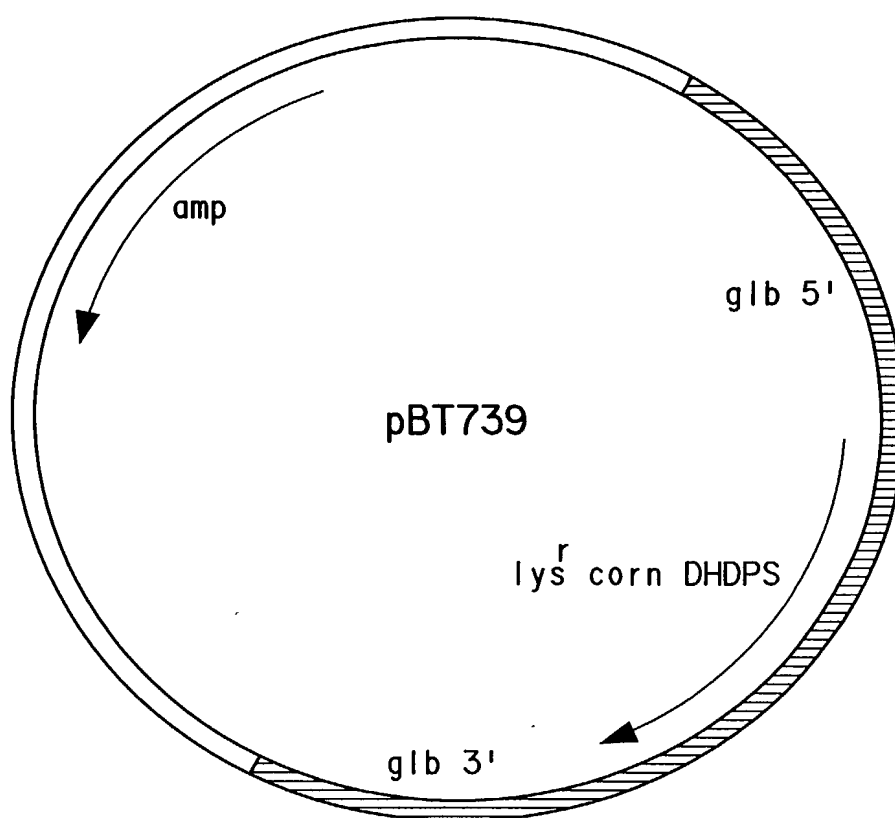


FIG.21



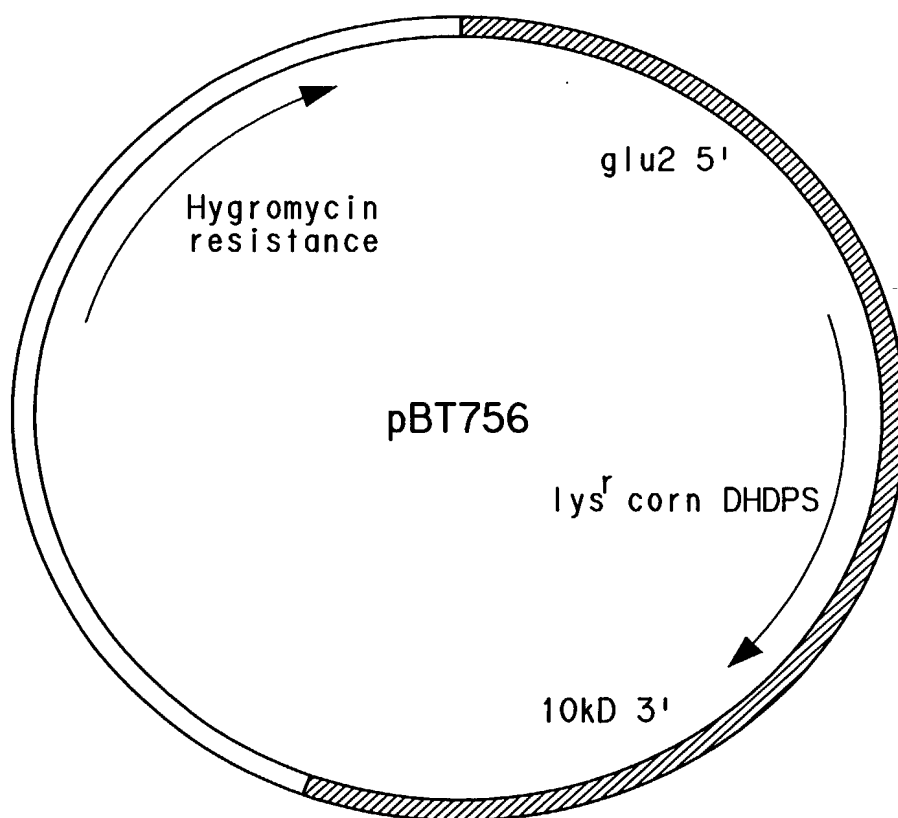


FIG.22